

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for remote control of electronic products using a portable terminal, which comprises the steps of:

performing a remote control of functions of the electronic products in a remote control mode;

when communication is tried during the remote control mode, ~~terminating the remote control mode~~; providing communication service at the portable terminal upon a user's selection after displaying the communication standby state on a display of the portable terminal; and

when the communication ends, determining whether the remote control mode has been terminated;

returning to the remote control mode when the remote control mode has not been terminated, and terminating the remote control of functions when the remote control mode has been terminated.

2. (Currently Amended) The method of claim 1, wherein performing a remote control of functions comprises:

displaying kinds of electronic products controllable by a remote controller on a display of said portable terminal;

when at least one kind of the displayed electronic products is selected, displaying the manufacturers of the selected electronic product on said display;

when at least one of the displayed manufacturers is selected, displaying the selected electronic product and manufacturer and setting a remote control mode suitable for said selected electronic product;

performing a remote control function in the remote control mode; and terminating the remote control mode to terminate the remote control function.

3. (Original) The method according to claim 2, wherein said step of setting a remote control mode for controlling an electronic product comprises:

selecting at least one kind of electronic products controllable by a remote controller;

selecting a manufacturer of the selected electronic product; and

setting a remote control mode depending on the selected manufacturer.

4. (Previously Presented) A method for remote control of electronic products using a portable terminal, which comprises the steps of:

performing a remote control of functions of the electronic products in a remote control mode;

when communication is tried during the remote control mode, terminating the remote control mode and displaying the communication standby state to provide a communication service upon a user's selection; and

when the communication ends, returning to the remote control mode;

wherein said step of returning to the remote control mode when communication ends comprises:

determining whether the communication has ended;

if the communication has ended, determining whether the remote control mode has been terminated; and

if the remote control mode has not been terminated, implementing the remote control function again.

5. (Currently Amended) The method of claim 4, wherein performing a remote control of functions comprises:

displaying kinds of electronic products controllable by a remote controller on a display of said portable terminal;

displaying the manufacturers of the electronic products on said display;

selecting at least one kind of the displayed electronic products and at least one of the displayed manufacturers;

setting a remote control mode suitable for the selected electronic product of the selected manufacturer;

performing a remote control function in the remote control mode; and

terminating the remote control mode to terminate the remote control function.

6. (Currently Amended) A portable terminal for remote control of various functions of electronic products, which comprises:

a display section for displaying the kinds and manufacturers of electronic products controllable by a remote controller;

a generalized programming input/output port for oscillating a remote control pulse according to a selected manufacturer;

an infrared (IR) modulating/sending section for modulating the oscillated remote control pulse to an infrared ray and sending the infrared ray; and

a control section for determining whether communication is tried during implementation of a remote control function, terminating the remote control function to implement a communication function when the communication is initiated, and performing the remote control function again when the communication ends,

wherein the control section determines whether the remote control mode has been terminated when the communication ends, returns to the remote control mode when the remote control mode has not been terminated and terminates the remote control of functions when the remote control mode has been terminated.

7. (Currently Amended) A method for performing remote control of electronic products using a portable terminal, the method comprising the steps of:

performing a remote control of functions of electronic products in a remote control mode;

when communication is tried during the remote control mode, terminating the remote control mode;

providing communication service at the portable terminal upon a user's selection after displaying the communication standby state on a display of the portable terminal; and

when the communication ends, determining whether the remote control mode has been terminated;

returning to the remote control mode when the remote control mode has not been terminated;

terminating the remote control of functions when the remote control mode has been terminated; and

wherein said step of performing a remote control in a remote control mode comprises:

displaying kinds of electronic products controllable by a remote controller on the display;

when at least one kind of the displayed electronic products is selected, displaying the manufacturers of the selected electronic product on the display;

when at least one of the displayed manufacturers is selected, displaying the selected electronic product and manufacturer and setting a remote control mode suitable for said selected electronic product on the display;

performing a remote control function in the remote control mode; and

terminating the remote control mode to terminate the remote control function.

8. (Canceled)